

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	20	("6769063" or "6320964" or "5825886" or "6272221" or "6424713" or "6567943" or "6591349" or "6792536" or "20020106080" or "20020106078"). pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/10 16:47
S2	3333	380/29,36,37,42,259,264,265,268, 278-286,44-47.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 13:12
S3	2462	S2 and @ad<"20001213"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 13:37
S4	2113	S3 and (cryptograph\$3 or encod\$4 or encipher\$4 or encrypt\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/18 15:48
S5	1053	S4 and (des or sbx or "data encryption standard")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 13:47
S6	172	S5 and permutation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 14:51
S7	46	S6 and expansion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 13:48
S8	35	S5 and (key adj schedul\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 14:53

## EAST Search History

S10	119	S5 and multiplexer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 15:40
S11	129	S5 and (multiplexer or mux)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 15:40
S13	50	S11 and ((multiplexer or mux) with (two or "2"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 15:56
S15	31	S5 and ("clock speed" or "clock frequency")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 15:59
S16	6714221	des	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/18 15:11
S17	20757	S16 and (cryptography or cryptographic or encrypt\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/18 15:11
S18	2177	S17 and asynchronous	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/18 15:06
S19	113	S18 and (asynchronous with buffer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/18 15:09

## EAST Search History

S20	71	S19 and @ad<"20001213"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/18 15:09
S21	6714419	des or "data encryption standard"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/18 15:11
S22	20955	S21 and (cryptography or cryptographic or encrypt\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/18 15:12
S23	10666	S22 and @ad<"20001213"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/18 15:44
S24	71	S23 and (asynchronous with buffer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/18 15:13
S25	7	S23 and "asynchronous input"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/18 15:45
S26	3335	380/29,36,37,42,259,264,265,268, 278-286,44-47.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/18 15:49
S27	2464	S26 and @ad<"20001213"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/18 15:49

## EAST Search History

S28	2108	S27 and (cryptograph\$3 or encod\$4 or encipher\$4 or encrypt\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/18 15:49
S29	192	S28 and (asynchronous or ((different or differing) with clock))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/19 10:27
S30	4485	asynchronous with buffer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/19 09:46
S31	267	S30 and ("data path width" or "data width" or "path width" or "bit width")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/19 09:47
S32	209	S31 and @ad< "20001213"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/19 09:48
S33	158	S32 and ("32" and "64")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/19 10:03
S34	142	"input buffer" adj (size or width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/19 10:04
S35	22	S34 and "payload"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/19 10:04

## EAST Search History

S36	3335	380/29,36,37,42,259,264,265,268, 278-286,44-47.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/19 10:27
S37	2464	S36 and @ad<"20001213"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/24 08:01
S38	2108	S37 and (cryptograph\$3 or encod\$4 or encipher\$4 or encrypt\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/19 10:27
S39	192	S38 and (asynchronous or ((different or differing) with clock))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/19 10:27
S40	110	S39 and ("des" or "data encryption standard")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 10:04
S41	87	S40 and asynchronous	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/19 10:44
S42	3338	380/29,36,37,42,259,264,265,268, 278-286,44-47.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/10 17:42
S43	2464	S42 and @ad<"20001213"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 10:03

## EAST Search History

S44	791	S43 and authentication	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/24 08:01
S45	471	S44 and cryptography	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/24 08:01
S46	6828	380/28-29,42-47,36-37,255,259, 265,268,278,286.ccls. or 708/1,3, 200.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 10:15
S47	4007	S46 and @ad<"20001213"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 10:21
S48	410	(key adj schedul\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 10:30
S49	66	S48 and multiplexer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 10:22
S50	18	S49 and @ad<"20001213"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 10:25
S51	350	((two or multiple or multi) adj level) with multiplexer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 10:28

## EAST Search History

S52	247	S51 and @ad<"20001213"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 10:25
S53	2	S52 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 10:25
S54	393	((two or multiple or multi) adj level) with (multiplexer or mux)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 10:29
S55	2	S54 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 10:29
S56	918	cryptograph\$3 with engine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 10:29
S57	76	S56 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 10:29
S58	1	S57 and expansion and permutation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 10:30
S59	54	S48 and (permutation and expansion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 10:31

## EAST Search History

S60	18	S59 and @ad<"20001213"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 10:37
S61	167	380/28-30,36-37.ccls. and @ay="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 10:37
S62	6	S61 and (key adj schedul\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 10:38
S63	0	S62 and (mux or multiplexer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 10:38
S64	2	"20020034295".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/10 16:51
S65	2	"5001753".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/10 17:09
S66	2	"5365588".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/10 17:09
S67	208	(key adj schedul\$3) and (des or (data adj encrypt\$3 adj standard))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/10 17:43



## EAST Search History

S68	78	S67 and @ad<"20001213"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/10 17:44
S69	42	S68 and ("xor" or "exor" or "exclusive or")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/10 17:44
S70	287	380/29.ccls. and @ad<"20001213"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 10:03
S71	225	S70 and ("des" or "data encryption standard")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 10:04
S72	167	380/28-30,36-37.ccls. and @ay="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 10:41